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## Jeeshan Chowdhury

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### University of Alberta

Edmonton, Alberta

### Pharmacology

Bachelor of Science, April 2004

### NASA Academy Research Project: Hypergravity Effects on the Maternal-Fetal System



Principal Investigator: Dr. April E.  
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### Education:

I am currently a sophomore in the B.Sc. Honors Pharmacology degree program at the University of Alberta in Edmonton. Upon graduation in 2004, I hope to enter medical school taking a M.D. – Ph.D. program. I plan on doing my graduate work in development and growth. I hope this will give me a solid background for pursuing a career in aerospace.

### Experience:

I have always had an innate interest in the biomedical sciences and in space and astrobiology seemed the natural fit. Upon entering my studies I discovered quite early that I had a strong affinity to research and I have been able to work and study in a couple of research centers and laboratories. My first experience in research was in nursing and educational psychology doing clinical research on autism. After that, I moved over to a more basic science laboratory in Obstetrics and Gynecology. For the past two years I have worked on novel hormone receptors and their role in human parturition with the ultimate goal of preventing premature births. Thanks to my research I have been able to travel to a number of conferences and symposia the most recent being the Society of Gynecologic Investigation convention in Los Angeles. I always try to attend such scientific meetings, not only because I get to travel, but because I enjoy presenting my work and seeing the cutting edge work of others. Outside academics and research but still relating to science, I have had the pleasure of running a “Weird Science” program at my local Boys’ and Girls’ Club where I get to basically blow things up and explain why they do so. Also I am a interpreter at the space exhibit at the Edmonton Space and Science Center.

### Extra-curricular Activities:

Outside of class, I try and have as much fun as possible both on and off campus. On campus I am part of a number of student groups. I served on the Science Undergraduate Society and Students’ Union as well as more recreational groups as the Ski Club. Off campus places like the Boys’ and Girls’ club give me the chance to be a kid again (building a fort gets harder the bigger you get). I’ve just picked up snowboarding this year and I hope to start rowing this summer. In the end, I have to end off by saying that I’m a huge fan of Star Trek!